

Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 14 JUN 2005

WIPO

PCT Application  
PCT/CN2003/001082



Applicant's or agent's file reference P2003296E		FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/CN03/01082	International filing date (day/month/year) 18 Dec.2003(18.12.03)	Priority date (day/month/year) 20 Dec.2002(20.12.02)	
International Patent Classification (IPC) or national classification and IPC  IPC <sup>7</sup> H01P7/08 H01P1/203			
Applicant TSINGHUA UNIVERSITY etc.			
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and /or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority ( see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of _____ sheets.</p>			
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> priority</p> <p>III <input type="checkbox"/> Non-establishment of opinion with regard to novelty ,inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Rules 66.2(a)(ii)with regard to novelty ,inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application.</p>			

Date of submission of the demand 12 Jul.2004 (12.07.04)	Date of completion of this report 27 May.2005 (27.05.05)
Name and mailing address of the IPEA/CN 6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China Facsimile No. 86-10-62019451	Authorized officer Feng Xuemin Telephone No.86-10-62084680

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/CN03/01082

## I. Basis of the report

### 1. With regard to the elements of the international application:\*

☒ the international application as originally filed

☐ the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

☐ the claims:

pages \_\_\_\_\_, as originally file

pages \_\_\_\_\_, as amended (together with any statement) under Article 19

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

☐ the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

☐ the sequence listing part of the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

### 2. with regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

☐ the language of publication of the international application (under Rule 48.3(b)).

☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

### 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

### 4. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages \_\_\_\_\_

☐ the claims No. \_\_\_\_\_

☐ the drawings, sheets/fig \_\_\_\_\_

### 5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/CN03/01082

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement:

Novelty (N)

Claims	2,3,6-9	YES
Claims	1,4,5,10-12	NO

Inventive step (IS)

Claims	3,7-9	YES
Claims	1,2,4-6,10-12	NO

Industrial applicability (IA)

Claims	1-12	YES
Claims		NO

## 2. Citations and explanations (Rule 70.7)

D1: JP11-214757A

D2: US5055809A

1. D1 disclosed an SUPERCONDUCTING PLANAR CIRCUIT AND MANUFACTURE THEREOF, comprising superconducting microstrip resonators, the resonators were formed by folding superconductive microstrip to shape a U-type structure (see Column 6, line 8-35, Fig 1), therefore, claim 1 is not novel, does not satisfy the requirement of Article 33(2) PCT.

2. The additional features of claim 2 is well known in the art, so claim 2 does not involve an inventive step, does not satisfy the requirement of Article 33(3) PCT.

3. All the features claimed in claim 4 have disclosed in D1 as well (see Column 6, line 8-35, Fig 1), therefore, claim 4 is not novel, does not satisfy the requirement of Article 33(2) PCT.

4. The additional features of claim 5 and 10-12 have been disclosed in D1 (see Column 6, line 8-35, Fig 1), therefore, claim 5 and 10-12 are not novel, do not satisfy the requirement of Article 33(2) PCT.

5. The additional feature of claim 6 has disclosed in D2 (see Column 8, line 12-58, Fig 11), it is apparent to obtain the subject-matter of claim 6 by arranging the resonators of D1 in the same way as D2, therefore, claim 6 does not involve an inventive step, does not satisfy the requirement of Article 33(3) PCT.